

California OES Weather Threat Briefing

Friday, July 12, 2019
9:00 AM PDT

Day 1: Areas of increased risk for heat impacts for San Joaquin Valley, southern deserts and the southern coastal mountain ranges and adjacent foothills (away from the coast)

National Weather Service
*Western Region Headquarters
Regional Operations Center
Salt Lake City, UT*



WEATHER KEY POINTS

07/12/19 - 07/18/19

Friday-Sunday

- Dry and breezy afternoon conditions will create slightly elevated fire weather concerns for portions of Inland and Southern Regions
- Areas of increased risk for heat impacts for San Joaquin Valley, southern deserts and the southern coastal mountain ranges and adjacent foothills (away from the coast)
 - Widespread heat risk level 2 - Moderate Risk for those who are sensitive to heat, especially those without effective cooling and/or adequate hydration
 - Localized areas of heat risk level 3 - High Risk for much of the population, especially those who are heat sensitive and those without effective cooling and/or adequate hydration
 - Localized areas of heat risk level 4 - Very High Risk for entire population due to long duration heat, with little to no relief overnight
 - Temperatures
 - San Joaquin Valley – High temperatures in the upper 90s to around 103. Low temperatures in the mid 60s to mid 70s.
 - Southern Deserts – High temperatures 104 to 118. Low temperatures in the upper 70s to 80s.
 - Southern Coastal Mountain Ranges and Adjacent Foothills (away from the coast) – High temperatures in the upper 90s to around 103. Low temperatures in the upper 60s to mid 70s.

Monday-Thursday

- Dry and breezy afternoon conditions will create slightly elevated fire weather concerns for portions of Southern Region
- Areas of increased risk for heat impacts for the southern deserts
 - Widespread heat risk level 2 - Moderate Risk for those who are sensitive to heat, especially those without effective cooling and/or adequate hydration
 - High temperatures 100 to 112. Low temperatures in the upper 70s to mid 80s.



CALIFORNIA WEATHER IMPACTS

07/12/19 - 07/18/19

<u>Hazards / Day</u>	FRI	SAT	SUN	MON	TUE	WED	THU
Non-Thunderstorm Damaging Winds							
Snow							
Coastal Flooding							
River Flooding							
Thunderstorms (Wind / Hail / Tornadoes)							
Fire Weather (Low Humidity / Wind / Dry Thunderstorms)	Inland/ Southern	Inland/ Southern	Inland/ Southern	Southern	Southern	Southern	Southern
Heat Risk	Inland/ Southern	Inland/ Southern	Inland/ Southern	Southern	Southern	Southern	Southern
Heavy Rain / Flash Flooding / Debris Flow							
Extreme Cold							



No Impacts



Minimal Impacts

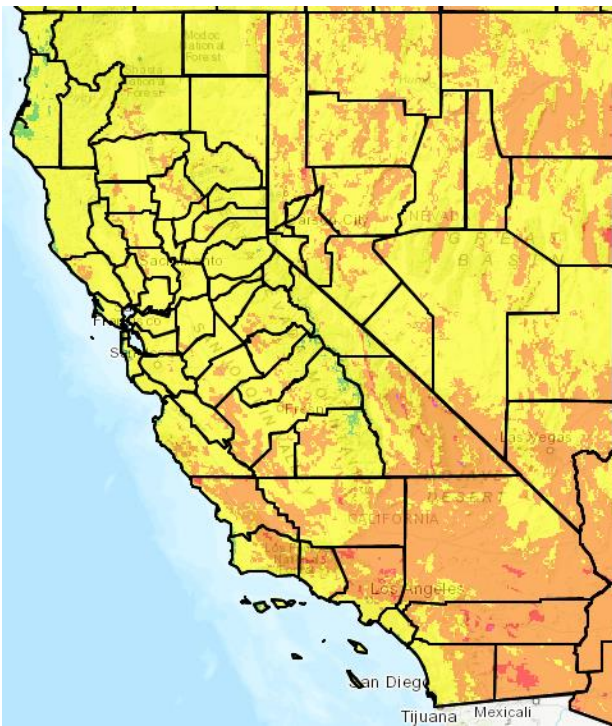


Moderate Impacts

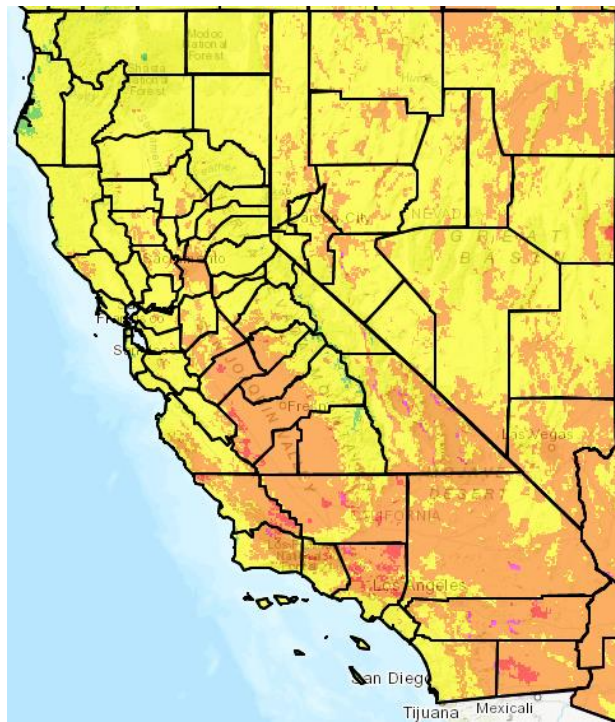


Severe Impacts

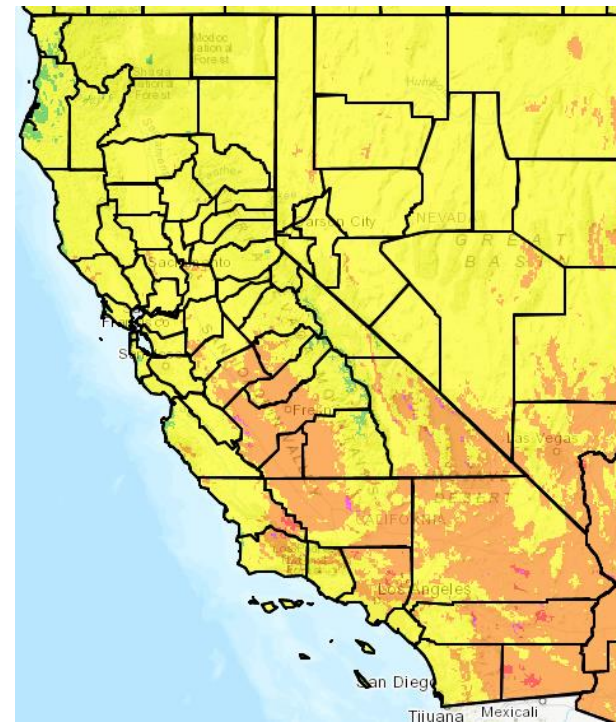
EXPERIMENTAL HEAT RISK FORECAST



Friday, July 12



Saturday, July 13



Friday, July 14

Category	Level	Meaning
Green	0	No Elevated Risk
Yellow	1	Low Risk for those extremely sensitive to heat, especially those without effective cooling and/or adequate hydration
Orange	2	Moderate Risk for those who are sensitive to heat, especially those without effective cooling and/or adequate hydration

Category	Level	Meaning
Red	3	High Risk for much of the population, especially those who are heat sensitive and those without effective cooling and/or adequate hydration
Magenta	4	Very High Risk for entire population due to long duration heat, with little to no relief overnight

<https://www.wrh.noaa.gov/wrh/heatrisk/>



PRECIPITATION FORECAST

07/12/19 - 07/14/19

No significant precipitation is expected over the next 3 days

Precipitation (inches)



WEATHER OUTLOOK

07/17/19 - 07/25/19

6-10 Day Outlook (July 17 – July 21)

Temperatures

- Odds favor above normal temperatures for northern CA. Equal chances of above or below normal temperatures for southern CA.

Precipitation

- Equal chances of above normal or below normal precipitation across most the state

8-14 Day Outlook (July 19 – July 25)

Temperatures

- Odds favor above normal temperatures for central and northern CA. Equal chances of above or below normal temperatures for southern CA.

Precipitation

- Equal chances of above normal or below normal precipitation across most the state



Information provided by:

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